

1. (Currently Amended) A removable protective coating comprising comprising: a thermoplastic film that includes formable silicone containing microcapsules attached to at least one side of the thermoplastic film.
2. (Original) The removable protective coating of claim 1 wherein the silicone containing microcapsules include a two-component silicone having microcapsules containing silicone resin and microcapsules containing a curing or hardening agent.
3. (Original) The removable protective coating of claim 1 wherein the silicone containing microcapsules include a one-component silicone.
4. (Original) The removable protective coating of claim 1 wherein the microcapsules are formed of a thermoplastic or wax material effective for releasing their contents when heated to a temperature of at least about 80°C.
5. (Currently Amended) The removable protective coating of claim 1 wherein the thermoplastic film is formed from a thermoplastic resin selected from the group consisting of polypropylene, polyethylene, polyvinyl chloride, styrene resins, acrylonitrile resins, acrylonitrile-styrene) acrylonitrile-styrene resins, acrylonitrile-butadiene-styrene resin, and mixtures thereof.
6. (Currently Amended) The removable protective coating of claim 1 wherein the protective coating includes an adhesive laminate laminating thermoplastic adhesive layer effective for providing adhesion between the thermoplastic film and the silicone containing microcapsules.

7. (Currently Amended) The removable protective coating of claim 6 wherein the adhesive laminate laminating thermoplastic adhesive layer is a layer between the thermoplastic film and the silicone containing microcapsules.

8. (Currently Amended) The removable protective coating of claim 6 where the silicone containing microcapsules are coated with the adhesive laminate laminating thermoplastic adhesive layer.

9. (Original) The removable protective coating of claim 1 wherein the protective coating has a thickness of about 0.003 to about 0.01 inches.

10. (Currently Amended) A removable protective coating comprising comprising: a thermoplastic film, an adhesive laminate laminating thermoplastic adhesive layer and microencapsulated formable silicone contacting the adhesive laminate laminating thermoplastic adhesive layer.

11. (Original) The removable protective coating of claim 10 wherein the microencapsulated silicone is a two-component silicone having microcapsules containing silicone resin and microcapsules containing a curing or hardening agent.

12. (Original) The removable protective coating of claim 10 wherein the microencapsulated silicone is a one-component silicone.

13. (Original) The removable protective coating of claim 10 wherein the microencapsulated silicone includes microcapsules formed of a thermoplastic or wax

material effective for releasing their contents when heated to a temperature of at least about 80°C.

14. (Currently Amended) The removable protective coating of claim 10 wherein the thermoplastic film is formed from a thermoplastic resin selected from the group consisting of polypropylene, polyethylene, polyvinyl chloride, styrene resins, acrylonitrile resins, ~~acrylonitrile-styrene~~ acrylonitrile-styrene resins, acrylonitrile-butadiene-styrene resin, and mixtures thereof.

15. (Currently Amended) The removable protective coating of claim 10 wherein the adhesive laminate laminating thermoplastic adhesive layer is a layer between the thermoplastic film and the microencapsulated silicone.

16. (Currently Amended) The removable protective coating of claim 10 where the microencapsulated silicone includes microcapsules that are coated with the adhesive laminate laminating thermoplastic adhesive layer.

17. (Original) The removable protective coating of claim 10 wherein the protective coating has a thickness of about 0.003 to about 0.01 inches.

18. (Currently Amended) A method for applying a protective coating to a component, the method comprising:

contacting the component with a thermoplastic film that includes formable silicone containing microcapsules on a side of the film contacting the component; and

heating the film and drawing the film onto the component, wherein the heating is effective for releasing silicone from the silicone containing microcapsules to form a silicone coating.

19. (Original) The method of claim 18 wherein the protective coating is brought into contact with the component and drawn onto the component through use of a vacuum.

20. (Original) The method of claim 18 wherein the protective coating is heated to at temperature of at least about 80°C after contacting the component.

21. (Original) The method of claim 18 wherein the protective coating is cured by exposure to UV radiation.